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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

*Attorney Docket No.* 2254.0020002/RWE/JKM*First Inventor* LaCOURSE et al.*Title* Platform For Analysis Of Liquid Samples*Express Mail Label No.*

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 35]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Sheets 2]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**  
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of  
*(when there is an assignee)* Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure  Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Authorization under 37CFR 1.136(a)(3).  
The name of the assignee is: University of Maryland, Baltimore County

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.: .....

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_  
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number: 26111      OR       Correspondence address below

|         |           |          |  |
|---------|-----------|----------|--|
| Name    |           |          |  |
| Address |           |          |  |
| City    | State     | Zip Code |  |
| Country | Telephone | Fax      |  |

|                   |                         |                                   |              |
|-------------------|-------------------------|-----------------------------------|--------------|
| Name (Print/Type) | Robert W. Esmond        | Registration No. (Attorney/Agent) | 32,893       |
| Signature         | <i>Robert W. Esmond</i> | Date                              | May 20, 2004 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 486.00)

## Complete if Known

|                      |                      |
|----------------------|----------------------|
| Application Number   | To Be Assigned       |
| Filing Date          | Herewith             |
| First Named Inventor | William R. LaCOURSE  |
| Examiner Name        | To Be Assigned       |
| Art Unit             | To Be Assigned       |
| Attorney Docket No.  | 2254.0020002/RWE/JKM |

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other\*\*  None

\*Charge any deficiencies or credit any overpayments in Deposit Account: the fees to Deposit Acc. No. 19-0036.

Deposit Account Number 19-0036  
Deposit Account Name Sterne Kessler, Goldstein & Fox P.L.L.C.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code (\$) | Fee (\$) | Fee Code (\$) | Fee (\$) | Fee Description  | Fee Paid |
|---------------|----------|---------------|----------|--|----------|
| 1051          | 130      | 2051          | 65       | Surcharge - late filing fee or oath  |          |
| 1052          | 50       | 2052          | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053          | 130      | 1053          | 130      | Non-English specification  |          |
| 1812          | 2,520    | 1812          | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804          | 920*     | 1804          | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805          | 1,840*   | 1805          | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251          | 110      | 2251          | 55       | Extension for reply within first month                                     |          |
| 1252          | 420      | 2252          | 210      | Extension for reply within second month                                    |          |
| 1253          | 950      | 2253          | 475      | Extension for reply within third month                                     |          |
| 1254          | 1,480    | 2254          | 740      | Extension for reply within fourth month                                    |          |
| 1255          | 2,010    | 2255          | 1,005    | Extension for reply within fifth month                                     |          |
| 1401          | 330      | 2401          | 165      | Notice of Appeal   |          |
| 1402          | 330      | 2402          | 165      | Filing a brief in support of an appeal                                     |          |
| 1403          | 290      | 2403          | 145      | Request for oral hearing   |          |
| 1451          | 1,510    | 1451          | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452          | 110      | 2452          | 55       | Petition to revive - unavoidable   |          |
| 1453          | 1,330    | 2453          | 665      | Petition to revive - unintentional   |          |
| 1501          | 1,330    | 2501          | 665      | Utility issue fee (or reissue)   |          |
| 1502          | 480      | 2502          | 240      | Design issue fee   |          |
| 1503          | 640      | 2503          | 320      | Plant issue fee  |          |
| 1460          | 130      | 1460          | 130      | Petitions to the Commissioner  |          |
| 1807          | 50       | 1807          | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806          | 180      | 1806          | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021          | 40       | 8021          | 40       | Recording each patent assignment per property (times number of properties) | 40.00    |
| 1809          | 770      | 2809          | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810          | 770      | 2810          | 385      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801          | 770      | 2801          | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802          | 900      | 1802          | 900      | Request for expedited examination of a design application                  |          |

SUBTOTAL (2) (\$ 61.00)

\*\*or number previously paid, if greater. For Reissues, see above

Other fee (specify) \*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 40.00)

## SUBMITTED BY

(Complete if applicable)

|                   |                  |                                   |        |           |                |
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| Name (Print/Type) | Robert W. Esmond | Registration No. (Attorney/Agent) | 32,893 | Telephone | (202) 371-2600 |
| Signature         | Robert W. Esmond |                                   |        | Date      | May 20, 2004   |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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\*Admitted only in Virginia  
\*Practice Limited to Federal Agencies

May 20, 2004

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. *To Be Assigned*; Filed: *Herewith*  
For: **Platform for Analysis of Liquid Samples**  
Inventors: LaCOURSE *et al.*  
Our Ref: 2254.0020002/RWE/JKM

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
2. PTO Fee Transmittal (Form PTO/SB/17);
3. PTO-2038 Credit Card Payment Form in the amount of \$486.00 to cover:

\$385.00 Patent Application filing fee;  
\$ 18.00 Excess claims fee;  
\$ 43.00 Excess independent claims fee; and  
\$ 40.00 Assignment recordation fee;

4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
5. Recordation Form Cover Sheet;
6. An original executed Assignment to University of Maryland, Baltimore County, recordation of which is hereby respectfully requested;
7. U.S. Utility Patent Application entitled:

**Platform for Analysis of Liquid Samples**

Commissioner for Patents  
May 20, 2004  
Page 2

and naming as inventors:

William R. LaCOURSE and Ronita L. MARPLE

the application consisting of:

- a. An Application Data Sheet (37 C.F.R. § 1.76);
- b. An original executed Declaration;
- c. A specification containing:
  - i. 29 pages of description prior to the claims;
  - ii. 5 pages of claims (22 claims);
  - iii. a one (1) page abstract; and
- d. 8 sheets of drawings: (Figure(s) 1-8); and

8. Two (2) return postcards.

Applicants claim small entity status (37 C.F.R. § 1.27).

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Robert W. Esmond  
Attorney for Applicants  
Registration No. 32,893

RWE/JKM:bac  
Enclosures

266445\_1.DOC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|  |   |
|--|---|
| In re application of:<br><br>LaCOURSE <i>et al.</i><br><br>Appl. No.: <i>To Be Assigned</i><br><br>Filed: <i>Herewith</i><br><br>For: <b>Platform for Analysis of Liquid Samples</b> | Confirmation No.: <i>To Be Assigned</i><br><br>Art Unit: <i>To Be Assigned</i><br><br>Examiner: <i>To Be Assigned</i><br><br>Atty. Docket: 2254.0020002/RWE/JKM |
|--|---|

**Authorization to Treat a Reply as Incorporating an Extension of Time Under 37 C.F.R. § 1.136(a)(3)**

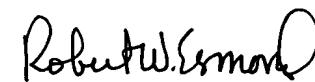
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Robert W. Esmond  
Attorney for Applicants  
Registration No. 32,893

Date: May 20, 2004

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